

mailed

30 July 1953

MEMORANDUM FOR: ASSISTANT DIRECTOR FOR COMMUNICATIONS

SUBJECT : OC Memorandum for the Record "Ad Hoc Meeting between Communications and TSS concerning Joint Interests in R&D Programming", dated 20 July 1953

REFERENCE : Memorandum for Chief, Technical Services Staff, from Assistant Director for Communications, dated 28 July 1953, subject: same as above

1. TSS feels that the "Memorandum for the Record" prepared by the Office of Communications is in general satisfactory with the exception of a few minor points.

2. With regard to investigation [] of the possibility of developing equipment in the IR field, it should be understood that the contract is an approach to the basic problems underlying this field. TSS has received a copy of the operational characteristics of an IR communication device prepared by OC (R&D Branch), and these specifications and characteristics will be borne in mind, both by TSS and [] engineers while the work is in progress.

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3. [] present approach to the IR problem on our behalf (including the communications device) is on the basis of a search for what can be done rather than a set of specifications for what must be done. Until the possibilities in this field have been determined and delineated, TSS feels it unwise to restrict [] approach with specific operational characteristics even though it is evident that such specifications ultimately must be heavily considered.

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4. Insofar as procurement and operational techniques of some IR communications devices which may be developed under [] contract are concerned, TSS feels that it would be wiser to wait and see what can be developed before arriving at any decisions. The eventual capabilities and limitations of whatever devices can be developed will presumably indicate whether the device is primarily useful in a limited field, such as that of audio surveillance, or whether it can be satis-


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factorily used for short-range communication purposes.

5. With regard to radio frequency site locator systems, special beacons, radio switches and similar equipment, it is frequently true that a communications channel can be added to the capabilities of the device without much added complication. Such a channel is built in where necessary to facilitate selection of the proper site for the device, preliminary testing, etc. Such communication channels are entirely secondary to the fundamental purpose of the device and ordinarily are not such that they could be used primarily for communications. The incorporation of a communication channel in such equipment would not appear to TSS to relieve it of its responsibility for development of the item in question.

6. Close and continuing liaison between OC and TSS appears to be continuing on a very satisfactory basis, both on a working and policy level. It is felt that through such liaison, the results produced by any TSS contract of interest to OC will be readily available; and TSS, when initiating a new contract or monitoring an old one, will be glad to render all possible assistance to OC.


Acting Chief, DD/P/TSS

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TSS/OC:cvsr/jel (30 July 1953)

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